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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 09/840,444 | 04/24/2001 | Xin Zhang | 401185 | 1915 |
| 23548 | 7590 | 03/14/2005 | EXAMINER | |
| LEYDIG VOIT & MAYER, LTD 700 THIRTEENTH ST. NW SUITE 300 WASHINGTON, DC 20005-3960 | | | JONES, HUGH M | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2128 | |

DATE MAILED: 03/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

DETAILED ACTION

1. Claims 1-5 of U. S. Application 09/840,444 filed 04/24/2001 are presented for examination.

Information Disclosure Statement

2. Applicants have submitted a publication by one of the inventors and but have not submitted the proper Information Disclosure Statement. This relevant publication should have been provided earlier to the Office.

3. Please provide all publications by the inventors (including those listed in the list of references in the Li paper) and list them in a proper Information Disclosure Statement. **Applicants are reminded of their duty to disclose under 1.56 and 1.105.**

Response to Amendment

4. The reply filed on 11/24/2004 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): Applicant's marked up copy of the claim amendments indicates that they are working from a different set of claims than are present in the original application. A copy of the original set of claims as well as the original specification are included for Applicants to review. Note, for example, that neither the original set of claims nor the original specification contain the work "thermal", which is the fifth word in the claim amendment.

5. See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or

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correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

6. Any inquiry concerning this communication or earlier communications from the examiner should be:

directed to:

Dr. Hugh Jones telephone number (703) 305-0023, Monday-Thursday 0830 to 0700 ET, *or* the examiner's supervisor, Kevin Teska, telephone number (703) 305-9704. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist, telephone number (703) 305-3900.

mailed to: Commissioner of Patents and Trademarks

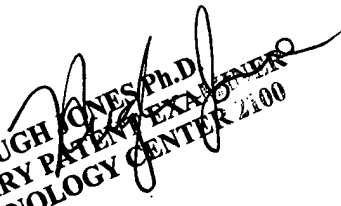
Washington, D.C. 20231

or faxed to: (703) 308-9051 (for formal communications intended for entry) *or* (703) 308-1396 (for informal or draft communications, please label "*PROPOSED*" or "*DRAFT*").

Dr. Hugh Jones

Primary Patent Examiner

March 5, 2005


HUGH JONES Ph.D.
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER 2100